

## ABSTRACT OF THE DISCLOSURE

A Plain Old Telephone System (POTS) connection is established between a Broadband modem and a remote server. A configuration request is then transmitted from the Broadband modem to the remote server using DTMF tones. Subsequently a domain name associated with a Broadband Service Node (BSN) and a user identifier, such as a telephone number, is received from the remote server via the POTS connection using Dual-Tone Multi-Frequency (DTMF) tones. A PPPoE session is then established using the domain name, by firstly authenticating the Broadband modem for the PPPoE session and then configuring the DSL modem. This configuration is accomplished by transmitting a request for configuration details from the Broadband modem to the BSN having the domain name and then receiving configuration details from the configuration server. The Broadband modem then automatically configures itself using the configuration details. (137 words)